

KORN SHELL PROGRAMMING

THREE DAYS

Objectives

At the completion of this course, the student will be able to write Korn Shell scripts using the following features and more:

- I/O redirection, pipes, and command and variable substitution
- Passing parameters to shell scripts and interpreting their meaning
- Controlling the program flow using conditionals and loops
- Catch and interpret Control-C and other signals
- Apply debugging techniques to locate coding errors

Topics

- Review of useful shell commands
- Using redirection, pipes, command and variable substitution
- Command line parsing
- Command line editing
- Using the history, alias, and function facilities
- Korn Shell job control
- The shell environment
- Creating and using shell scripts
- Advanced uses of variables in expressions
- Program flow control (conditional statements)
- Program flow control (loop and branch statements)
- The set command (Korn Shell options)
- Debugging programs
- Using the trap command (signal handling)
- Using temporary files effectively
- Advanced programming techniques

Audience

This course is designed for individuals such as system administrators, programmers, and power users requiring a mastery of the command line interface to the UNIX operating system.

Prerequisites

The student should be familiar with UNIX commands, directory structure, and the text editor. Programming skills are helpful but not required.